## Claims

The embodiments of the invention in which an exclusive property or privilege is claimed are defined as follows:

1. A support mechanism for supporting a hood with respect to a vehicle to which the hood is pivotally coupled, the support mechanism comprising:

a pair of laterally spaced first arms each having a first end pivotally coupled to the vehicle and having a second end;

a pair of laterally spaced second arms each having a first end pivotally coupled to the second end of one of the first arms, and having a second end for engaging and supporting the hood;

a resilient member coupled between the first and second arms and biased to urge the second ends of the second arms upwardly and towards the hood.

2. The support mechanism of claim 1, wherein:

a pivot pin couples the second arm to the first arm, the resilient member being coiled around the pivot pin.

3. The support mechanism of claim 1, wherein:

a pivot pin couples the second arm to the first arm, the pivot pin being non-rotatably attached to at least one of the second arms, the resilient member being coiled around the pivot pin, the resilient member having an inner end anchored to the pivot pin and having an outer end anchored to the other of the arms.

4. The support mechanism of claim 1, wherein:

a pivot pin couples the second arm to the first arm, the pivot pin being non-rotatably attached to the second arm, the resilient member being coiled around the pivot pin, the resilient member having an inner end anchored to the pivot pin and having an outer end anchored to the first arms.

5. The support mechanism of claim 1, wherein:

a lateral distance between the first ends of the first arms is greater than the lateral distance between the second ends of the first arms and the first ends of the second arms and the lateral distance between the second ends of the second arms is greater than the lateral distance between the second ends of the first arms and the first ends of the second arms whereby the torsional rigidity of the hood and clearance under the hood is increased.

6. The support mechanism of claim 5, wherein:

the lateral distance between the first arms is maintained by a brace which is affixed between the first arms.

7. The support mechanism of claim 5, wherein:

the lateral distance between the second arms is maintained by a brace which is affixed between the second arms.